

Title (en)
DIRECT DRIVE ELECTRIC TRACTION MOTOR

Title (de)
ELEKTROFAHRMOTOR MIT DIREKTANTRIEB

Title (fr)
MOTEUR DE TRACTION ÉLECTRIQUE À ENTRAÎNEMENT DIRECT

Publication
EP 2069158 B1 20101110 (EN)

Application
EP 07838229 A 20070915

Priority
• US 2007019993 W 20070915
• US 53372606 A 20060920

Abstract (en)
[origin: US2008066980A1] A direct drive traction vehicle motor system for a wheeled vehicle includes an electric motor rotor for mechanically attachment to a vehicle wheel for rotational movement with the vehicle wheel. An attachment structure is concentrically mounting the rotor to the vehicle wheel. An electric motor stator is mounted in a concentric relationship with the rotor. A mechanical structure is coupled between the vehicle and the stator for inhibiting rotation of the stator. An electric drive circuit is electrically coupled to the motor stator for exciting the motor stator to impart a rotational force on the vehicle wheel through the rotor.

IPC 8 full level
B60K 7/00 (2006.01)

CPC (source: EP US)
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